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SEG news release

Society of Exploration Geophysicists

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FOR IMMEDIATE RELEASE September 6, 1979

INTERNATIONAL SEISMIC CREW COUNT

WORLDWIDE SEISMIC EXPLORATION FOR OIL AND GAS RECORDS INCREASE DURING FIRST QUARTER OF 1979

Figures released today by the Society of Exploration Geophysicists indicate worldwide exploration for oil and gas increased during the first three months of this year. The worldwide total of seismic crews and vessels active during the month of March, 1979, was 767, representing a net increase of twenty-three crews and vessels from the fourth quarter (December, 1978) total of 744. Increases were noted in the U.S., Canada, Central and South America, Europe, and the Far East.

The worldwide totals of seismic crews and vessels active during previous quarters were as follows: Third quarter (September) 1976: 621; fourth quarter (December) 1976: 621; first quarter (March) 1977: 635; second quarter (June) 1977: 626; third quarter (September) 1977: 650; fourth quarter (December) 1977: 686; first quarter (March) 1978: 730; second quarter (June) 1978: 738; third quarter (September) 1978: 746.

The international survey reflects data reported on seismic oil exploration activity by ninety private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT, MARCH, 1979

Geographically, seismic exploration for oil and gas during March, 1979, was reported as follows: (Fourth quarter, December, 1978, figures are shown in parentheses.):

UNITED STATES

	Land Crews	Marine Vessels
52 Contractors:	295 (290)	24 (23)
10 Oil Companies:	37 (38)	7 (7)
1 Government:	0 (0)	1 (0)
Totals:	332 (328)	32 (30)

Total Crews and Vessels: 364 (358)

CANADA

	Land Crews	Marine Vessels
27 Contractors:	98 (79)	0 (0)
2 Oil Companies:	3 (3)	0 (0)
Totals:	101 (82)	0 (0)

Total Crews and Vessels: 101 (82)

MEXICO

	Land Crews	Marine Vessels
8 Contractors:	19*(20)*	3*(3)*
1 Government:	5*(5)*	0*(0)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	24*(25)*	3*(3)*

Total Crews and Vessels: 27*(28)*

CENTRAL & SOUTH AMERICA (Other than Mexico)

	Land Crews	Marine Vessels
10 Contractors:	33 (28)	9 (8)
4 Governments:	9* (15)*	0* (0)*
2 Oil Companies:	2* (2)*	1* (0)*
Totals:	44* (45)*	10* (8)*

Total Crews and Vessels: 54*(53)*

EUROPE

	Land Crews	Marine Vessels
11 Contractors:	42* (37)*	11* (7)*
0 Governments:	0 (0)	0 (0)
2 Oil Companies:	4 (4)	0 (0)
Totals:	46* (41)*	11* (7)*

Total Crews and Vessels: 57* (48)*

MIDDLE EAST (Including Pakistan)

	Land Crews	Marine Vessels
7 Contractors:	32 (38)	2 (2)
0 Governments:	0* (2)	0* (0)
0 Oil Companies:	0* (0)*	0* (0)*
Totals:	32* (40)*	2* (2)*

Total Crews and Vessels: 34* (42)*

AFRICA

	Land Crews	Marine Vessels
8 Contractors:	44 (45)	7 (12)
1 Government:	2* (2)	0* (0)
1 Oil Company:	11 (11)	0 (0)
Totals:	57* (58)	7* (12)

Total Crews and Vessels: 64* (70)

FAR EAST (Including all countries east of Pakistan)

	Land Crews	Marine Vessels
9 Contractors:	28* (25)*	8* (6)*
2 Governments:	24* (26)*	1* (1)*
1 Oil Company:	3* (3)	2* (2)
Totals:	55* (54)*	11* (9)*

Total Crews and Vessels: 66* (63)*

MARCH TOTALS:	Land Crews	Marine Vessels
U.S.	332 (328)	32 (30)
Canada	101 (82)	0 (0)
Mexico	24* (25)*	3* (3)*
Central & South America	44* (45)*	10* (8)*
Europe	46* (41)*	11* (7)*
Middle East	32* (40)*	2* (2)*
Africa	57* (58)	7* (12)
Far East	55* (54)*	11* (9)*
Totals:	691* (673)*	76* (71)*

Total Crews and Vessels: 767* (744)*

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed by a grant from the International Association of Geophysical Contractors.

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Assistant Executive Director

SEG news release

Society of Exploration Geophysicists

FOR IMMEDIATE RELEASE October 9, 1979

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INTERNATIONAL SEISMIC CREW COUNT

WORLDWIDE SEISMIC EXPLORATION FOR OIL AND GAS RECORDS DECLINE DURING SECOND QUARTER OF 1979

Worldwide exploration for oil and natural gas, though posting a sizeable gain in the U.S., declined in most other reporting regions during the second quarter of this year according to a report released today by the Society of Exploration Geophysicists. The worldwide total of seismic land crews and marine vessels active during June, 1979, was 731, representing a decrease of thirty-six crews and vessels since March. The March, 1979, total was 767. The largest single decline was reported in Canada where the June total was forty, down from 101 in March.

The worldwide totals of seismic crews and vessels active during previous quarters were as follows: Third quarter (September) 1976: 621; fourth quarter (December) 1976: 621; first quarter (March) 1977: 635; second quarter (June) 1977: 626; third quarter (September) 1977: 650; fourth quarter (December) 1977: 686; first quarter (March, 1978: 730; second quarter (June) 1978: 738; third quarter (September) 1978: 746; fourth quarter (December) 1978: 744.

The international survey reflects data reported on seismic oil exploration activity by ninety private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT, JUNE, 1979

Geographically, seismic exploration for oil and gas during June, 1979, was reported as follows. (First quarter, March, 1979, figures are shown in parentheses.):

UNITED STATES

	Land Crews	Marine Vessels
56 Contractors:	333 (295)	26 (24)
9 Oil Companies:	39 (37)	5 (7)
1 Government:	0 (0)	1 (1)
Totals:	372 (332)	32 (32)

Total Crews and Vessels: 404 (364)

CANADA

	Land Crews	Marine Vessels
20 Contractors:	35 (98)	1 (0)
3 Oil Companies:	3 (3)	1 (0)
Totals:	38 (101)	2 (0)

Total Crews and Vessels: 40 (101)

MEXICO

	Land Crews	Marine Vessels
7 Contractors:	21*(19)*	3*(3)*
1 Government:	5*(5)*	0*(0)*
0 Oil Companies:	0 (0)	0 (0)
Totals:	26* (24)*	3*(3)*

Total Crews and Vessels: 29*(27)*

CENTRAL & SOUTH AMERICA (Other than Mexico)

	Land Crews	Marine Vessels
9 Contractors:	36 (33)	4 (9)
4 Governments:	7* (9)*	0* (0)*
2 Oil Companies:	2* (2)*	1* (1)*
Totals:	45* (44)*	5* (10)*

Total Crews and Vessels: 50*(54)*

EUROPE

	Land Crews	Marine Vessels
11 Contractors:	43* (42)*	17* (11)*
0 Governments:	0 (0)	0 (0)
3 Oil Companies:	4* (4)	1 (0)
Totals:	47* (46)*	18* (11)*

Total Crews and Vessels: 65*(57)*

MIDDLE EAST (Including Pakistan)

	Land Crews	Marine Vessels
7 Contractors:	29 (32)	1 (2)
0 Governments:	0* (0)*	0* (0)*
0 Oil Companies:	0* (0)*	0* (0)*
Totals:	29* (32)*	1* (2)*

Total Crews and Vessels: 30*(34)*

AFRICA

	Land Crews	Marine Vessels
6 Contractors:	40 (44)	3 (7)
1 Government:	2* (2)*	0* (0)*
1 Oil Company:	11 (11)	0 (0)
Totals:	53* (57)*	3* (7)*

Total Crews and Vessels: 56*(64)*

FAR EAST (Including all countries east of Pakistan)

	Land Crews	Marine Vessels
9 Contractors	32* (28)*	9* (8)*
2 Governments:	10* (24)*	1* (1)*
1 Oil Company:	3* (3)*	2* (2)*
Totals:	45* (55)*	12* (11)*

Total Crews and Vessels: 57*(66)*

JUNE TOTALS:	Land Crews	Marine Vessels
U.S.	372 (332)	32 (32)
Canada	38 (101)	2 (0)
Mexico	26* (24)*	3* (3)*
Central & South America	45* (44)*	5* (10)*
Europe	47* (46)*	18* (11)*
Middle East	29* (32)*	1* (2)*
Africa	53* (57)*	3* (7)*
Far East	45* (55)*	12* (11)*
Totals:	655* (691)*	76* (76)*

Total Crews and Vessels: 731*(767)*

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed by a grant from the International Association of Geophysical Contractors.

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SEG news release

Society of Exploration Geophysicists

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FOR IMMEDIATE RELEASE March 10, 1980

INTERNATIONAL SEISMIC CREW COUNT

SEISMIC EXPLORATION FOR OIL AND GAS RECORDS
LARGE GAIN INTERNATIONALLY DURING THIRD QUARTER OF 1979

Seismic exploration for oil and gas showed gains during the third quarter of 1979 in most geographical areas around the world, according to the Society of Exploration Geophysicists' most recent quarterly international survey. The number of seismic land crews and marine vessels searching for oil and gas increased between June and September in the United States, Canada, Central and South America, Europe and the Middle East. The worldwide seismic crew and vessel total for September was 793, compared with 731 in June.

The worldwide totals of seismic crews and vessels active during previous quarters were as follows: Third quarter (September) 1976: 621; fourth quarter (December) 1976: 621; first quarter (March) 1977: 635; second quarter (June) 1977: 626; third quarter (September) 1977: 650; fourth quarter (December) 1977: 686; first quarter (March) 1978: 730; second quarter (June) 1978: 738; third quarter (September) 1978: 746; fourth quarter (December) 1978: 744; first quarter (1979) 767; second quarter (1979) 731.

The international survey reflects data reported on seismic oil exploration activity by ninety private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT, SEPTEMBER, 1979

Geographically, seismic exploration for oil and gas during September, 1979, was reported as follows. (Second quarter, June, 1979, figures are shown in parentheses.):

UNITED STATES

	Land Crews	Marine Vessels
57 Contractors:	364 (333)	24 (26)
10 Oil Companies:	39 (39)	4 (5)
1 Government:	0 (0)	2 (1)
Totals:	403 (372)	30 (32)

Total Crews and Vessels: 433 (404)

CANADA

	Land Crews	Marine Vessels
22 Contractors:	45 (35)	2 (1)
3 Oil Companies:	3 (3)	1 (1)
Totals:	48 (38)	3 (2)

Total Crews and Vessels: 51 (40)

MEXICO

	Land Crews	Marine Vessels
6 Contractors:	21*(21)*	3*(3)*
1 Government:	5*(5)*	0*(0)*
0 Oil Companies:	0*(0)	0 (0)
Totals:	26*(26)*	3*(3)*

Total Crews and Vessels: 29*(29)*

CENTRAL & SOUTH AMERICA (Other than Mexico)

	Land Crews	Marine Vessels
10 Contractors:	43 (36)	8 (4)
4 Governments:	14* (7)*	0* (0)*
1 Oil Company:	2* (2)*	0* (1)*
Totals:	59* (45)*	8* (5)*
Total Crews and Vessels:	67*(50)*	

EUROPE

	Land Crews	Marine Vessels
12 Contractors:	48* (43)*	16* (17)*
0 Governments:	0 (0)	0 (0)
2 Oil Companies:	4 (4)*	0 (1)
Totals:	52* (47)*	16* (18)*
Total Crews and Vessels:	68*(65)*	

MIDDLE EAST (Including Pakistan)

	Land Crews	Marine Vessels
7 Contractors:	33 (29)	1 (1)
0 Governments:	0* (0)*	0* (0)*
0 Oil Companies:	0* (0)*	0* (0)*
Totals:	33* (29)*	1* (1)*
Total Crews and Vessels:	34*(30)*	

AFRICA

	Land Crews	Marine Vessels
6 Contractors:	41 (40)	3 (3)
1 Government:	2* (2)*	0* (0)*
2 Oil Companies:	11 (11)	1 (0)
Totals:	54* (53)*	4* (3)*
Total Crews and Vessels:	58*(56)*	

FAR EAST (Including all countries east of Pakistan)

	Land Crews	Marine Vessels
10 Contractors:	31 (32)*	11 (9)*
3 Governments:	3 (10)*	2 (1)*
2 Oil Companies:	3* (3)*	3* (2)*
Totals:	37* (45)*	16* (12)*
Total Crews and Vessels:	53*(57)*	

SEPTEMBER TOTALS:	Land Crews	Marine Vessels
U.S.	403 (372)	30 (32)
Canada	48 (38)	3 (2)
Mexico	26* (26)*	3* (3)*
Central & South America	59* (45)*	8* (5)*
Europe	52* (47)*	16* (18)*
Middle East	33* (29)*	1* (1)*
Africa	54* (53)*	4* (3)*
Far East	37* (45)*	16* (12)*
Totals:	712* (655)*	81* (76)*
Total Crews and Vessels:	793*(731)*	

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed by a grant from the International Association of Geophysical Contractors.

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Assistant Executive Director

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SEG news release

Society of Exploration Geophysicists

July 11, 1980

SEISMIC EXPLORATION FOR OIL AND GAS RECORDS STRONG INCREASE INTERNATIONALLY DURING FOURTH QUARTER OF 1979

Figures released today by the Society of Exploration Geophysicists indicate seismic exploration worldwide for oil and gas registered a strong increase during the last three months of 1979. The number of seismic land crews and marine vessels searching for oil and gas in December, 1979, was 841, compared with 793 in September, 1979. Major gains during the fourth quarter were reported in the United States, Canada, and the Far East.

The worldwide totals of seismic crews and vessels active during previous quarters were as follows: Third quarter (September) 1976: 621; fourth quarter (December) 1976: 621; first quarter (March) 1977: 635; second quarter (June) 1977: 626; third quarter (September) 1977: 650; fourth quarter (December) 1977: 686; first quarter (March) 1978: 730; second quarter (June) 1978: 738; third quarter (September) 1978: 746; fourth quarter (December) 1978: 744; first quarter (March) 1979: 767; second quarter (June) 1979: 731; third quarter (September) 1979: 793.

The international survey reflects data reported on seismic oil exploration activity by 110 private and governmental crew operators around the world. Special significance is attached to the figures since seismic crew activity is recognized as the leading indicator of all petroleum exploration activity.

INTERNATIONAL SEISMIC CREW COUNT, DECEMBER, 1979

Geographically, seismic exploration for oil and gas during December, 1979, was reported as follows. (Third quarter, September, 1979, figures are shown in parentheses.):

UNITED STATES

	Land Crews	Marine Vessels
56 Contractors:	380 (364)	25 (24)
10 Oil Companies:	39 (39)	4 (4)
1 Government:	0 (0)	2 (2)
Totals:	419 (403)	31 (30)

Total Crews and Vessels: 450 (433)

CANADA

	Land Crews	Marine Vessels
23 Contractors:	67 (45)	1 (2)
2 Oil Companies:	3 (3)	0 (1)
Totals:	70 (48)	1 (3)

Total Crews and Vessels: 71 (51)

MEXICO

	Land Crews	Marine Vessels
6 Contractors:	21*(21)*	3*(3)*
1 Government:	5 (5)*	0 (0)*
0 Oil Companies:	0 (0)*	0 (0)
Totals:	26*(26)*	3*(3)*

Total Crews and Vessels: 29*(29)*

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CENTRAL & SOUTH AMERICA (Other than Mexico)

	Land Crews	Marine Vessels
10 Contractors:	46 (43)	13 (8)
4 Governments:	9* (14)*	0* (0)*
2 Oil Companies:	2* (2)*	1* (0)*
Totals:	57* (59)*	14* (8)*
Total Crews and Vessels:	71*(67)*	

EUROPE

	Land Crews	Marine Vessels
11 Contractors:	47* (48)*	7* (16)*
0 Governments:	0 (0)	0 (0)
2 Oil Companies:	4 (4)	0 (0)
Totals:	51* (52)*	7* (16)*
Total Crews and Vessels:	58*(68)*	

MIDDLE EAST (Including Pakistan)

	Land Crews	Marine Vessels
6 Contractors:	35 (33)	2 (1)
1 Government:	2 (0)*	0 (0)*
0 Oil Companies:	0 (0)*	0 (0)*
Totals:	37 (33)*	2 (1)*
Total Crews and Vessels:	39 (34)*	

AFRICA

	Land Crews	Marine Vessels
8 Contractors:	34 (41)	6 (3)
1 Government:	2* (2)*	0* (0)*
1 Oil Company:	11* (11)	0* (1)
Totals:	47* (54)*	6* (4)*
Total Crews and Vessels:	53*(58)*	

FAR EAST (Including all countries east of Pakistan)

	Land Crews	Marine Vessels
11 Contractors:	33 (31)	10 (11)*
2 Governments:	19* (3)	1* (2)
3 Oil Companies:	3* (3)*	4* (3)*
Totals:	55* (37)*	15* (16)*
Total Crews and Vessels:	70*(53)*	

DECEMBER TOTALS:	Land Crews	Marine Vessels
U.S.:	419 (403)	31 (30)
Canada:	70 (48)	1 (3)
Mexico:	26* (26)*	3* (3)*
Central & South America:	57* (59)*	14* (8)*
Europe:	51* (52)*	7* (16)*
Middle East:	37 (33)*	2 (1)*
Africa:	47* (54)*	6* (4)*
Far East:	55* (37)*	15* (16)*
Totals:	762* (712)*	79* (81)*
Total Crews and Vessels:	841*(793)*	

*These totals include estimates from informed industry sources of additional unreported crews and vessels.

SEG's International Seismic Crew Count is financed by a grant from the International Association of Geophysical Contractors.